

432-1223

5/29/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Terrie Moore  
Bayer CropScience  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

**MAY 29 2014**

Subject: ProStar 70 WP  
EPA Reg. No.: 432-1223  
Your notification application dated 5/2/14  
OPP Decision No.: 491178

Dear Ms. Moore,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10.

The Agency acknowledges the inclusion of images for Brown Patch and Fairy Ring turf diseases as marketing claims.

The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have any questions, please contact Shaunta Hill at 703-347-8961 or by email at [hill.shaunta@epa.gov](mailto:hill.shaunta@epa.gov) or myself at 703-308-3194 or [joyner.shaja@epa.gov](mailto:joyner.shaja@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Shaja B. Joyner".

Shaja B. Joyner  
Product Manager 20  
Fungicide Branch  
Registration Division (7505P)



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 432-1223	2. EPA Product Manager Hope Johnson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) ProStar 70 WP [ABN: ProStar 70 WG]	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Bayer CropScience, Environmental Science division 2 T.W. Alexander Drive RTP, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

Amendment - Explain below.  
 Resubmission in response to Agency letter dated \_\_\_\_\_  
 Notification - Explain below.  
 Final printed labels in response to Agency letter dated \_\_\_\_\_  
 "Me Too" Application.  
 Other - Explain below.

**NOTIFICATION**  
**MAY 29 2014**

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.  
 - Addition of Marketing claims

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product  
 Lithograph  
 Paper glued  
 Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Terrie Moore	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 919-549-5678
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**Certification**  
 I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Regulatory Affairs Manager	6. Date Application Received (Stamped)
4. Typed Name Terrie Moore	5. Date 5/2/14	



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GROUP	7	FUNGICIDE
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# ProStar<sup>®</sup> 70 WP Fungicide

## ABN: ProStar 70 WG Fungicide

- Editorial Note – Marketing claim positioned here

A fungicide for the control of listed turfgrass and ornamentals diseases.

Editorial Note – [Bracketed text] is optional

**ACTIVE INGREDIENT:**

FLUTOLANIL: N-[3-(1-methylethoxy) phenyl]-2-(trifluoromethyl)benzamide ..... 70.0%

**OTHER INGREDIENTS:**..... 30.0%

**TOTAL:** ..... 100.0%

EPA Reg. No. 432-1223

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-331-2867

#### FIRST AID

<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency or for additional information call toll free 1-800-334-7577.</p>	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

Discard clothing and personal protective equipment that cannot be reused, including clothing and other absorbent materials that have been drenched or thoroughly contaminated with this product's concentrate. Otherwise, wash clothing and personal protective equipment.

**NOTIFICATION**

**MAY 29 2014**

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(including both the inside and outside of gloves) before each day of reuse according to manufacturer's directions or, if no such directions, in detergent and hot water. Keep and wash them separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Do not eat, drink, smoke, or chew gum or tobacco while handling this product and until hands and face are thoroughly washed with soap and water. Do not use the toilet before thoroughly washing hands.  
If this product penetrated through your clothing or personal protective equipment, stop handling this product immediately, remove the clothing and equipment, wash your body thoroughly, and put on clean clothing and equipment before resuming the handling activity.  
After handling this product, remove personal protective equipment immediately. Wash the outside of gloves before taking them off. Shower or wash thoroughly and change into clean clothing as soon as possible.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**Surface Water Advisory**

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of flutolanil from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

**DIRECTIONS FOR USE**

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
Read entire label before using this product.**

Do not apply this product in a way that will contact workers or other persons, either directly or indirectly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency in your State responsible for pesticide regulation.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry-interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

**NON AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep unprotected persons out of the treated areas until sprays have dried.

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This labeling MUST be in possession of the user at the time of pesticide application.

**ProStar® 70 WP Fungicide** is a systemic fungicide for the control or suppression of listed foliar and soil borne diseases caused by basidiomycete fungi in turf and ornamentals.

For use on:

- Turf in golf courses, sod farms, sports fields, residential, institutional, municipal and commercial areas.
- Container ornamentals in nurseries, greenhouses and shade houses.
- Field grown ornamentals in nurseries and landscapes.

## DIRECTIONS FOR USE ON TURF

### TURF USE RESTRICTIONS

- Do not apply more than 4.5 oz of **ProStar 70 WP Fungicide** /1,000 sq. ft./application (8.6 lbs flutolanil/acre/application).
- Do not apply more than 9 oz of **ProStar 70 WP Fungicide** /1,000 sq. ft./Year (17.1 lbs flutolanil/acre/year).
- For use rates over 2.2 oz per 1,000 sq. ft. do not apply **ProStar 70 WP Fungicide** within 100 ft. of any estuary or marine habitat or within 100 ft. of any ditches, drainage tiles, or other waterways that drain directly into (within 1/2 mile of ) estuaries or marine habitats.

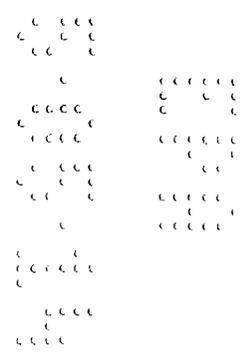
### APPLICATIONS FOR TURF DISEASES CONTROL

**ProStar 70 WP Fungicide** is a systemic fungicide for control of diseases of turf caused by Basidiomycetes such as Brown Patch (*Rhizoctonia solani*), Brown Ring Patch (*Waitea circinata* var. *circinata*), Fairy Ring (various basidiomycetes species), Red Thread (*Laetisaria fuciformis*), Pink Patch (*Limonomyces roseipellis*), Yellow Patch (*Rhizoctonia cerealis*), Southern Blight (*Sclerotium rolfsii*), Gray snow mold (*Typhula* spp.), Large Patch (*Rhizoctonia solani* AG 2-2LP) and Leaf and Sheath spot (*Rhizoctonia zeae*).

### APPLICATION METHOD

Apply the prescribed amount of **ProStar 70 WP Fungicide** in 2 to 5 gallons of water per 1,000 square feet as a broadcast application. If **ProStar 70 WP Fungicide** is to be tank mixed with an appropriately labeled fungicide or other product to control another pest, add **ProStar 70 WP Fungicide** first. Prior to spraying with a tank mixture not specified on this label, it is advisable to determine if the products are physically compatible.

For best results, spray the treated area uniformly, using equipment such as flat fan nozzles. Use 50-mesh or larger screens. Avoid mowing for 24 hours after application and do not irrigate until spray has dried, unless otherwise noted. When non-labeled diseases are also present, **ProStar 70 WP Fungicide** may be tank mixed with appropriate labeled fungicides if the products are physically compatible.



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## TURF TOLERANCE

ProStar 70 WP Fungicide has excellent safety on the following turfgrass varieties: Kentucky bluegrass, creeping bentgrass, perennial ryegrass, annual bluegrass, red fescue, tall fescue, bermudagrass, St. Augustinegrass, and zoysiagrass.

## TURF SPECIFIC USE DIRECTIONS

Start preventive treatments prior to initial sign of disease and when conditions favor disease development.

DISEASE	RATE OZ PRODUCT/ 1, 000 SQ.FT.	INTERVAL BETWEEN APPS. (DAYS)	APPLICATION DIRECTIONS
<b>Brown Patch</b> (Preventive) (Curative)	1.5-2.2 3.0	14-21 14	<ul style="list-style-type: none"> <li>Make preventive applications when conditions are favorable for disease.</li> <li>Begin curative applications immediately after the development of initial symptoms.</li> </ul>
<b>Brown Ring Patch</b> (Preventive) (Curative)	2.2-3.0 3.0-4.5	28 28	<ul style="list-style-type: none"> <li>Begin preventive applications when average soil temperatures are 55-60 °F.</li> <li>Begin curative applications immediately after the development of initial symptoms.</li> <li>Water in applications lightly</li> </ul>
<b>Fairy Ring</b> (Preventive) (Curative)	2.2 4.5	21-28 28	<ul style="list-style-type: none"> <li>Make preventive applications prior to periods of historic fairy ring activity.</li> <li>Use alone or as part of a seasonal fairy ring program with Bayleton® Flo, Tartan or Chipco Triton FLO.</li> <li>Irrigate immediately or within the next irrigation cycle to the depth of the fairy ring in the thatch, mat or soil profile.</li> </ul>
<b>Red Thread/Pink Patch Yellow Patch/Southern Blight</b>	1.5	21-28	<ul style="list-style-type: none"> <li>Make preventive applications when conditions are favorable for disease.</li> <li>Begin curative applications immediately after the development of initial symptoms.</li> </ul>
<b>Gray Snow Mold</b>	3.0-4.5		<ul style="list-style-type: none"> <li>Make an application in the late fall - early winter prior to the development of extended snow cover.</li> <li>Retreatment may be necessary if heavy rains or repeated snow melts occur after application.</li> </ul>
<b>Large Patch</b>	2.2	28	<ul style="list-style-type: none"> <li>Apply preventively in the fall, alone or as part of a seasonal large patch program, when soil temperatures are at 72-75°F.</li> <li>Repeat in the spring when disease activity begins.</li> </ul>
<b>Leaf and Sheath spot</b> (Preventive) (Curative)	2.2-3.0 3.0-4.5	14-21 14	<ul style="list-style-type: none"> <li>Begin preventive applications to turfgrass prior to the onset of high heat.</li> <li>Water in applications lightly.</li> <li>For disease on bermudagrass including 'mini-ring' symptoms, treat preventively before symptoms develop based on past disease history.</li> </ul>

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CONVERSION TABLE FOR PROSTAR 70 WP FUNGICIDE	
RATE OF PROSTAR 70 WP FUNGICIDE OZ PER 1,000 SQ FT	RATE OF PROSTAR 70 WP FUNGICIDE LB PER ACRE
1.5	4.1
2.2	6.0
3.0	8.2
4.5	12.3

### TANK MIXES

Other diseases not directly controlled by ProStar 70 WP Fungicide are often active at the same time, they can be controlled by using appropriate tank mix partners.

Follow the label directions for the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing.

- **Dollar Spot:** When Dollar Spot is active, tank mix ProStar 70 WP Fungicide at 1.5 oz per 1,000 sq ft in 2 to 5 gallons of water with other registered fungicides, such as Bayleton®Flo, Bayleton 50 WSP, Chipco Triton® Flo, [Mirage™], Interface®, or 26GT®. Repeat application 21 to 28 days later as needed.
- **Curvularia Blight:** when Curvularia blight is active, tank mix appropriate fungicides, such as Interface or 26GT, at the prescribed rates.
- **Anthrachnose:** When Anthracnose is active, tank mix ProStar 70 WP Fungicide with anthracnose-active fungicides such as Chipco Triton FLO, Tartan, or Chipco Signature™.
- **Summer Stress Complex/Summer Decline.** For management of Summer stress Complex/Summer Decline, tank mix ProStar 70 WP Fungicide at 1.5-3 oz/1000 sq ft in 2 to 5 gallons of water with Chipco Signature™ Fungicide at 4 to 8 oz per 1000 sq. ft.

## DIRECTIONS FOR USE IN GREENHOUSES, SARAN AND SHADE HOUSES, OUTDOOR CONTAINER AND FIELD- GROWN ORNAMENTAL NURSERY STOCK

### PRODUCT INFORMATION

ProStar 70 WP Fungicide is a systemic fungicide, packaged in water soluble bags, that, when mixed with the appropriate volume of water, will provide systemic, preventative, and curative activity in the management of foliar, soilborne, and propagative diseases caused by rusts, species of *Rhizoctonia*, and *Sclerotium rolfsii*.

Although ProStar 70 WP Fungicide can be curative, application is suggested on a preventative basis at all sites of use where applicable when conditions are optimum for disease development or past history indicates disease development is imminent. When used as a curative treatment, apply ProStar 70 WP Fungicide at the highest prescribed concentration or rate allowed according to label directions.

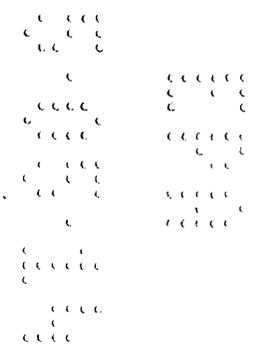
Add the appropriate number of ProStar 70 WP Fungicide water soluble packets to a partially filled spray or drench tank. The bags may float, but do not disturb them. Allow the bags to dissolve for 5 minutes prior to agitation and filling the tank to final volume. Maintain continuous agitation throughout application and apply with properly calibrated spray equipment using 50-mesh or larger screens.

If ProStar 70 WP Fungicide is tank mixed with other labeled plant protection products, add ProStar 70 WP Fungicide first. After the ProStar 70 WP Fungicide bags are completely dissolved, add the mixture partners.

Failure to follow the direction for use and precautions on this label may result in poor disease control or plant injury.

For foliar applications, apply the spray mixture to obtain optimum coverage of the plant foliage.

**Make no more than 4 applications of ProStar 70 WP Fungicide per year to ornamental plantings.**





### FOLIAR SPRAY APPLICATION

#### MIXING AND APPLICATION INSTRUCTIONS:

Add the appropriate amount of ProStar 70 WP Fungicide to a partially filled tank and follow previous instructions.

#### ADJUVANT ADDITION:

Use of a compatible surfactant may improve coverage and uptake. Often, the addition of surfactants (wetting agents) will aid in the performance of plant protection products under certain conditions. Generally, surfactants (wetting agents) are not required with ProStar 70 WP Fungicide where adequate spray coverage is achieved. If inadequate spreading of the ProStar 70 WP Fungicide spray occur, the addition of a surfactant (wetting agent) may be considered. If addition is warranted, trial applications must be followed, using the instructions in the section above, *Notice to User*, as phytotoxicity can result from such additions.

DISEASE CONTROLLED	OUNCES OF PROSTAR 70 WP FUNGICIDE PER 100 GALLONS	SPRAY INTERVALS IN DAYS
Rusts	3 to 6	14 to 21
Rhizoctonia aerial blights and leaf spots	3 to 12	14 to 21

### SOIL DRENCH APPLICATIONS

#### MIXING AND APPLICATION INSTRUCTIONS:

Add the appropriate amount of ProStar 70 WP Fungicide to a partially filled tank and follow previous instructions. Maintain continuous agitation throughout application.

#### DISEASE(S) CONTROLLED AND APPLICATION

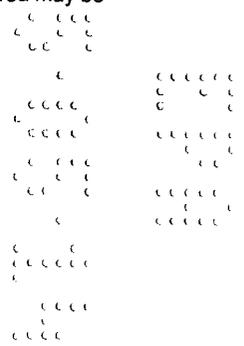
##### CONCENTRATION/RATES:

ProStar 70 WP Fungicide will prevent and provide curative activity against species of *Rhizoctonia* and *Sclerotium rolfsii*. If needed, retreat with ProStar 70 WP Fungicide 21 to 28 days after the initial application. Apply ProStar 70 WP Fungicide at 3 to 6 oz per 100 gallons. Applications to ground and raised beds must be delivered at 1 pint per square foot (4-inch depth or less) and 2 pints per square foot for depths greater than 4 inches.

To containers, use the following volumes per container size listed:

CONTAINER SIZE (TYPE)	APPLICATION VOLUME PER SQUARE FOOT OR CONTAINER SIZE
seedling trays	1 pt/sq ft
<4 inch	1 pt/sq ft
4 inch	2 fl oz
5 inch	2 1/2 fl oz
6 inch	6 1/2 fl oz
7 inch	8 1/2 fl oz
8 inch	11 fl oz
9 inch	14 fl oz
10 inch	17 1/2 fl oz

\*Note: Above 10 inches in nursery container production, a drench volume of 2-1/2 to 3 pints per square foot of surface area may be required.



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## CUTTING & BULB DIP

### MIXING APPLICATION INSTRUCTIONS:

Add the appropriate amount **ProStar 70 WP Fungicide** to a partially filled tank and follow previous instructions. During dipping period, keep **ProStar 70 WP Fungicide** suspension under constant agitation.

### CUTTING AND BULB DISEASE(S) CONTROLLED AND APPLICATION CONCENTRATIONS:

**ProStar 70 WP Fungicide** will prevent and provide curative activity against species and *Rhizoctonia* and *Sclerotium rolfsii*. Use at 3 to 6 oz per 100 gal.

Immerse cuttings for 5 minutes, remove and allow to drain and preferably dry prior to planting. Wear clothing outlined in PPE requirements for applicators and other handlers.

With bulbs, corms, and rhizomes, dip cleaned units for 5 minutes and allow to dry prior to planting, as well as following previously stated PPE requirements.

## CHEMIGATION INFORMATION

Apply this product only through pressurized drench (flood), sprinkler, or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation systems.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts.

Do not connect any irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments.

Pesticide supply tanks are prescribed for the application of this product. See label instructions for dilution use rates and timing of application. Agitate continuously during application.

## OVERHEAD, MICROJET, OR DRIP IRRIGATION APPLICATION

**ProStar 70 WP Fungicide** alone or in tank mixture with other pesticides which are registered for overhead, microjet, or drip application may be applied in irrigation water at rates on this label. Follow the label directions for the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing.

Apply this product only through an overhead, microjet, or drip irrigation system. Do not apply this product through any other type of irrigation system. Plant injury or lack of effectiveness can result from nonuniform distribution of treated water. If you have questions about calibration, contact State Extension specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety device for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments. Public water system means a system for the provision to the public of piped water for human consumption if such system has a least 15 service connections or regularly serves an average of at least 25 individuals daily or at least 60 days out of the year.

## OPERATION INSTRUCTIONS

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system must be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

- Prepare a mixture with a minimum of 1 gallon of water per 1 ounce water soluble packet of **ProStar 70 WP Fungicide**, and inject this mixture into the system. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the fungicide in suspension.
- Meter into irrigation water during the beginning of the irrigation cycle.
- With overhead or microjet systems, apply enough water to thoroughly wet the potting media.

Precaution for irrigation applications: Where distribution patterns do not overlap sufficiently, unacceptable control may result. Where distribution patterns overlap excessively, injury to desirable plants may result.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

#### PESTICIDE STORAGE

Store in original container and keep tightly closed when not in use. Store in a cool dry place. Avoid cross-contamination with other pesticides.

#### PESTICIDE DISPOSAL

Pesticides wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

#### CONTAINER HANDLING

##### Rigid Non-refillable containers (equal to or less than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

##### Rigid Non-refillable containers (greater than 5 gallons or 50 lb)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Once container is rinsed, offer for recycling, if available or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

##### Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable containers - Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

Bottom Discharge IBC (e.g. - Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g.- Snyder 120 Next Gen, Bonar B120, Drums, Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.



